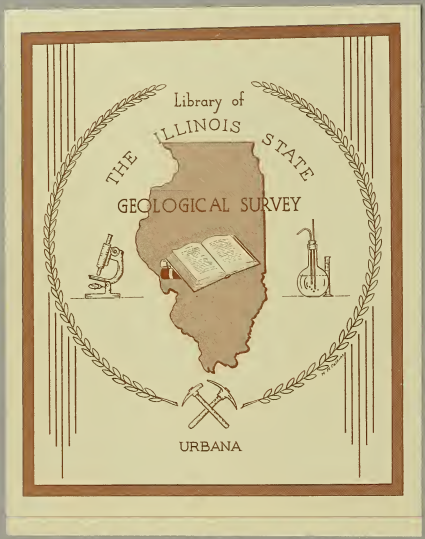

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No. 19 INFORMATION CIRCULAR Feb. 8, 1937

SUMMARY LIST OF AREAS IN WESTERN, NORTHERN, AND CENTRAL ILLINOIS RECOMMENDED FOR SPECIAL INVESTIGATION AS POSSIBLY SUITABLE FOR STRIP-MINING

By Gilbert H. Cady

The following list of areas possibly suitable for strip mining has been prepared to accompany a set of preliminary maps showing the outcrop of the workable coal beds in western Illinois, in parts of northern Illinois, and a small area in central Illinois. The list is extracted from a report in which the occurrence and character of the different coal beds is described in greater detail, the publication of which awaits the necessary printing funds.

Areas Recommended for the Special Attention of Those Interested in Areas of Strippable Coal

(For locations of areas mapped in Plates I-XIV see attached index map)

(1) Coal No. 1. - Spoon River valley in the vicinity of a mine located in the NE. 1/4 sec. 20, T. 7 N., R. 2 E., Fulton County (Avon quadrangle), Plate I (see Index Map).

(2) Coal No. 1. - In Illinois valley north of Havana, west of Quiver Lake and Illinois River in northeastern Waterford Township (T. 4 N., R. 4 E.) Fulton County, (Havana quadrangle), Plate II.

(3) Coal No. 1. - Southwest Warren County, southwest of Ponemah Station on the Santa Fe Railroad in sec. 33, T. 10 N., R. 3 W. (Monmouth quadrangle), Plate I.

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(4) Coal No. 1. - Near Green River Station on the Rock Island Railroad in sec. 7, T. 17 N., R. 2 E., Henry County (Orion quadrangle), Plate I.

(5) Coal No. 1. - On upland between Cass Creek and Rock River valley in secs. 28, 29, 32, and 33, T. 17 N., R. 1 W., Rock Island County (Milan quadrangle and Illinois State Geological Survey Bulletin 38C, Plate II), Plate I.

Special attention is also called to an outlier of No. 1 coal east of Hampton and south of Rapid City (LeClaire quadrangle), Plate I.

(6) Coal No. 2. - A small tract west of Atkinson along U. S. Route 6 in secs. 32, 33, and 34, T. 17 N., R. 4 E. (Annawan quadrangle), Plate I.

(7) Coal No. 2. - Roseville area, Ts. 8 and 9 N., Rs. 2 and 3 W., Warren County (Good Hope quadrangle and Illinois State Geological Survey Bulletin 43A, Plate I), Plate II.

(8) Coal No. 2. - West of Spoon River between Babylon and Seville, Ts. 6 and 7 N., R. 1 E., Fulton County (Avon quadrangle and Illinois State Geological Survey Bulletin 38B, Plate I), Plate II.

(9) Coal No. 2. - Tennessee area, T. 5 N., R. 4 W., McDonough County (Colchester quadrangle and U. S. Geological Survey Geologic Folio 208), Plate IV.

(10) Coal No. 2. - Northern Illinois. Along west flank LaSalle anticline in secs. 12 and 13, T. 33 N., R. 1 E., along both sides Highway Route No. 6, LaSalle County (LaSalle quadrangle and Illinois State Geological Survey Bulletin 37, Plate I), Plate III.

(11) Coal No. 2. - Northern Illinois. On south side of Illinois Valley in secs. 19, 20, and 21 and adjacent parts of secs. 28, 29, and 30, T. 33 N., R. 1 E. (LaSalle quadrangle and Bulletin 37), Plate V.

(12) Coal No. 2. - Northern Illinois. In Illinois River valley bottom east of Ottawa, secs. 7, 8, and 9, T. 33 N., R. 4 E., LaSalle County (Ottawa quadrangle), Plate III.

(13) Coal No. 2. - Northern Illinois. North side of Illinois River valley and south of and along Clark Run in secs. 26, 27, 33, 34, and 35, T. 34 N., R. 2 E., and secs. 3, 4, 9, and 10, T. 33 N., R. 2 E., LaSalle County (Ottawa quadrangle), Plate III.

(14) Coal No. 2. - Northern Illinois. North side Illinois River in secs. 7 and 8, T. 33 N., R. 7 E., near Morris, Grundy County (Morris quadrangle and Illinois State Geological Survey Bulletin 43B, Plate III), Plate III.

(15) Coal No. 2. - Northern Illinois. T. 31 N., R. 9 E., Kankakee County north of Essex (Herscher quadrangle and Illinois State Geological Survey Bulletin 55, Plate I), Plate V.

(16) Coal No. 5. - Area southeast of Galesburg and northeast of Lake Bracken in Ts. 10 and 11 N., R. 1 E., Knox County (Galesburg quadrangle), Plate VII.

(17) Coal No. 5. - Area southeast of Abingdon mainly in secs. 14 and 15, T. 9 N., R. 1 E., Knox County (Galesburg quadrangle), Plate VIII.

(18) Coal No. 5. - Area in the vicinity of Rushville and Pleasantview, Schuyler County (Rushville and Beardstown quadrangles), Plate IX.

(19) Coal No. 5. - Area near Astoria in secs. 13, 14, 15, 22, 23, and 24, T. 3 N., R. 1 E., and in secs. 18 and 19, T. 3 N., R. 2 E., Fulton County (Beardstown quadrangle), Plate II.

(20) Coal No. 6. - Sheffield district area west and south of Sheffield in Bureau County (Buda and Anna quadrangles), Plate X.

Special attention is called to coal No. 6, Kewanee district lying north and northwest of Kewanee, Henry County (Annawan quadrangle), Plate XI, which, however, is not recommended.

(21) Coal No. 6. - Galva district. Area mainly west and north of Galva, Henry County, Plate XII.

(22) Coal No. 6. - Etherly--Victoria district, between Wataga and Etherly and Victoria, north and south of the Galesburg and Great Eastern Railroad and north and northeast of Victoria, Knox County, Plate I.

(23) Coal No. 6. - Area in central Stark County between Modena and Wyoming in secs. 11, 12, 14, 23, 25 and 26, T. 13 N., R. 6 E. Small areas of strippable coal possibly present. Plate I.

(24) Coal No. 6. - Laura--Princeville field, T. 11 N., Rs. 5 and 6 E., Peoria County. Small tracts in the northwest part of county. Plate I.

(25) Coal No. 6. - Kickapoo field. Area lying along east side of Kickapoo Creek extending north of the village of Kickapoo for about five miles, Peoria County (Dunlap quadrangle), Plate XIII.

Attention is called to the Brimfield district northeast of the village of that name in secs. 3 to 7, and 17 to 19, T. 10 N., R. 6 E., Peoria County, where there is considerable coal of uncertain quality under shallow cover. Plate I.

(26) Coal No. 6. - South side of Kickapoo Creek from Pottstown west to vicinity of Elmwood, Peoria County (Peoria and Glasford quadrangles and U. S. Geological Survey Bulletin 506, Plate II), Plate II.

(27) Coal No. 6. - Southwest of Farmington in Fairview, Farmington, and Canton townships (T. 8 N., Rs. 3 and 4 E., and T. 7 N., R. 4 E.), Fulton County (Canton quadrangle and Illinois State Geological Survey Bulletin 38B, Plate I), Plate I.

Special attention is called to an occurrence of No. 6 coal under shallow cover north of South Wilmington, Grundy County, Plate V.

(28) Shelbyville coal. - Area in southeast Shelby County, T. 10 N., R. 6 E., extending over into Cumberland County between Neoga and Trowbridge (Mattoon quadrangle), Plate XIV.

Preliminary Maps Showing Outcrops of Workable Coal Beds in Western, Northern, and Central Illinois

The following maps are available in blue-line prints at cost of reproduction (see attached index map and list):

Plates I and II, the two large maps (scale 2 miles to the inch), show in the main the position of the outcrops of coal beds Nos. 1, 2, 5, 6, and 7, with some special additional data related to mining operations, active and abandoned, in coal bed No. 1. The position of active stripping mines and areas stripped as of about September 1, 1936, are shown on these and other plates.

Plate III (scale 1/2 mile to the inch) is a map of a strip seven to eleven miles wide, lying each side of and including Illinois River Valley from the vicinity of Morris to the vicinity of LaSalle. It shows the position of outcrop of No. 2 (LaSalle or Third Vein) coal bed, the altitude of the bed, and such drilling data in regard to depth and thickness of the beds as are available for publication.

Plate V (scale 1/2 mile to the inch) shows the outcrop and structure of No. 2 coal bed and the extent of stripping operations in T. 33 N., R. 8 E., Grundy County. (Morris quadrangle and Illinois State Geological Survey Bulletin 43B, Pl. III.)

Plate VI (scale 1/2 mile to the inch) shows the outcrop and structure of No. 2 coal bed in southeastern Grundy, southwestern Will, and northwestern Kankakee counties and the area underlain by No. 6 coal bed in the vicinity of South Wilmington. Mined-out areas and strip coal mines are shown. (Morris, Wilmington, and Herscher quadrangles and Illinois State Geological Survey Bulletin 55, Pl. I.)

Plates IV and VII to XIII (scale 1/2 mile to the inch) are maps of areas located in western Illinois. They show the outcrop and depth of coal near the outcrop in greater detail than is possible on the smaller scale maps, Plates I and II. These maps have been prepared because of inquiries that have been received in regard to the areas or because the areas seem to be of special interest as possible sources of strippable coal.

Plate XIV (scale 1/5 mile to the inch) is a map of an isolated area underlain by one of the younger Pennsylvanian coal beds, possibly the Shelbyville coal, located in the southeastern part of Shelby County and overlapping into Cumberland County.

Since the preparation of the maps early in the autumn of 1936, there has been considerable exploration work in certain of the areas, particularly in the Galesburg, Roseville, Brimfield, South Wilmington, and Shelby County areas, but in most cases the results of recent drilling are not yet available. It is hoped that much of this information can be added in time for publication in the fall of 1937.

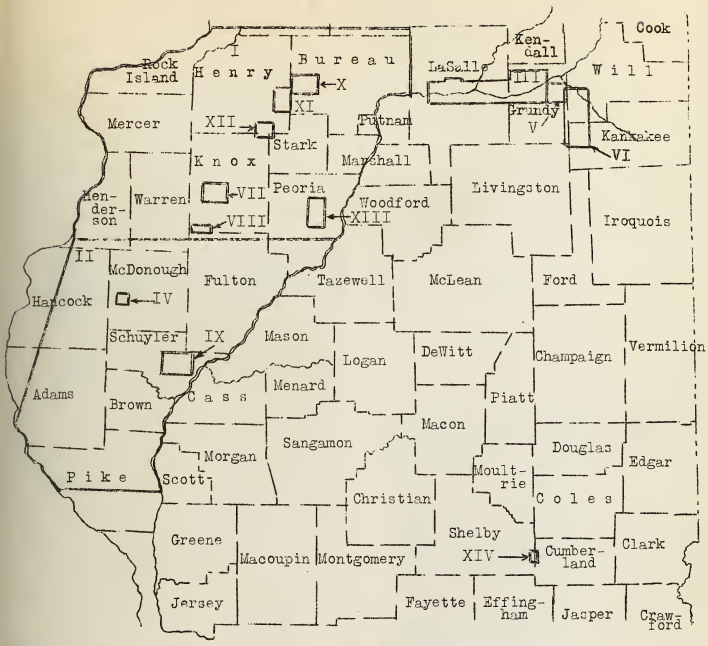

Plate	INDEX MAP	Cost
I	North portion of western Illinois coal field	$0.70
II	South portion of western Illinois coal field	.80
III	Illinois Valley, LaSalle to Morris	.50
IV	Tennessee field, McDonough County	.35
V	Goose Lake field, Grundy County	.15
VI	Wilmington, Essex, South Wilmington field	.05
VII	Galesburg field, Knox County	.10
VIII	Abingdon field, Knox County	.08
IX	Rushville field, Schuyler County	.15
X	Sheffield field, Bureau County	.13
XI	Kewanee field, Henry County	.13
XII	Galva field, Henry County	.08
XIII	Kickapoo field, Peoria County	.13
XIV	Neoga-Trowbridge field, Shelby County	.15
	Complete set of maps	$3.50

Please send remittance with order (in check, money order, or stamps if less than 50 cents), made payable to Enid Townley, Map Agent, 305 Ceramics Building, Urbana, Illinois.

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